IT-B7

SERVICE MANUAL

REVISED

Canadian Model
E Model

Photo : Gray type

SPECIFICATIONS

Dial signal	Tone, 10 PPS (pulse) selectable
Dimensions	Approx. 165.5 × 84 × 219 mm (w/h/d) (Approx. 6 5/8 × 3 3/8 × 8 5/8 inches)
Mass	Approx. 510 g (Approx. 1 lb. 2 oz.)
Supplied accessories	Telephone line cords (2) (Canadian) Telephone line cord (1) (E, SP) Wall bracket (1) (Canadian)

Design and specifications are subject to change without notice.

• Abbreviation
SP : Singapore model

Notes on Chip Component Replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

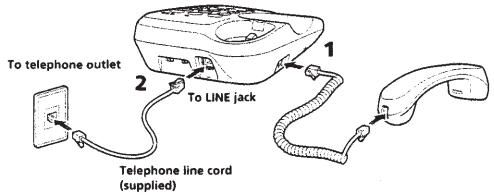
TELEPHONE

MICROFILM

SONY®

Setting up the phone

Connect the phone



1 Connect the handset to the phone.

2 Plug one end of the telephone line cord (supplied) into the LINE jack, and the other end into a telephone outlet.

3 Attach the telephone line cord in the groove.

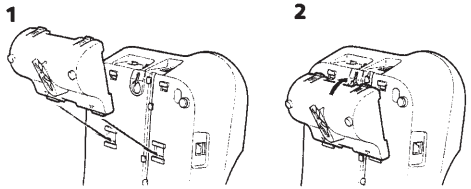
Tip

If your telephone outlet is not modular, contact your telephone service company for assistance.

Modular

Tilt the phone

If you want to tilt the phone, attach the supplied wall bracket on the upper part of the bottom of the phone.



1 Align the ▽ marks on the wall bracket with the center holes, and insert the tabs into the center holes.

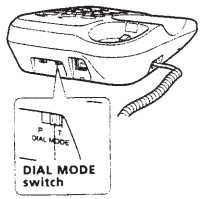
2 Push the bracket toward the phone.

Tips

- To remove the wall bracket, press the upper tabs.
- If you want to hang the phone on the wall, see "Mounting the phone on a wall".

Choose the dialing mode

For the phone to work properly, select an appropriate dialing mode (tone or pulse).



Depending on your dialing system, set the DIAL MODE switch as follows:

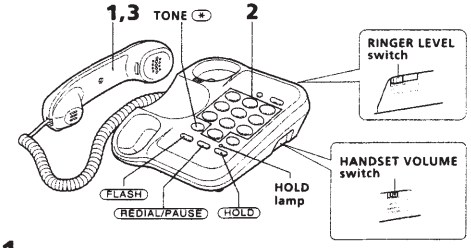
If your dialing system is	Set the switch to
Tone	T
Pulse	P

If you aren't sure of your dialing system

Make a trial call with the DIAL MODE switch set to T. If the call connects, leave the switch as is; otherwise, set to P.

Making and receiving calls

Making a call



1 Pick up the handset.
You hear a dial tone.

2 Dial a phone number.

3 When you're done talking, place the handset in the cradle.
The call is disconnected.

Receiving a call

When you hear the phone ring, pick up the handset. When you're done talking, place the handset in the cradle.

Additional tasks

To	Do this
Adjust the ringer level	Set the RINGER LEVEL switch to H (High), L (Low) or OFF.
Adjust the handset volume	During phone conversations, set the HANDSET VOLUME switch. You can select the volume level from three level positions.
Switch to tone dialing temporarily	Press TONE (*) after you're connected. The line will remain in tone dialing until disconnected.
Switch to another call ("call waiting" service*)	Press (FLASH). Press (FLASH) again to get back to the first caller.

* Contact your telephone company to subscribe to this service.

Redialing

You can redial the last number called with just one touch of the (REDIAL/PAUSE) button. This lets you easily redial the same number again if, for example, the line was busy.

1 Pick up the handset.
You hear a dial tone.

2 Press (REDIAL/PAUSE) to redial the number last dialed.

Note

You can redial the number which consists of up to 32 digits, including a press of tone or pause, each of which is counted as one digit.

Putting a call on hold

1 During phone conversation, press (HOLD).
The HOLD lamp flashes.
You can place the handset back in the cradle.

2 To resume conversation, pick up the handset.

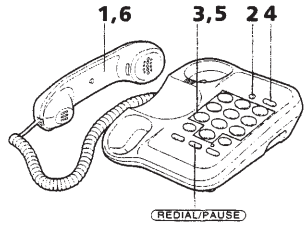
Tip

If you pick up another phone connected to the same phone line, the hold will be automatically released and you will be able to resume conversation on that phone.

Speed dialing

You can dial with a touch of a few keys by storing a phone number on a dialing key. You can store up to 10 speed dialing numbers.

Storing phone numbers



1 Pick up the handset.

2 Press (PGM).

3 Enter the phone number you want to store.
You can enter up to 16 digits, including a press of tone or pause, each of which is counted as one digit.

4 Press (SPEED DIAL).

5 Press one of the dialing keys ((0) to (9)) to store a phone number on.

6 Place the handset back in the cradle.

Note

Do not allow more than 20 seconds to elapse between each step of the procedure.

To store a number to be dialed via Private Branch Exchange (PBX)

Before entering a phone number in Step 3, do as follows:

1 Enter the outside line access digit (e.g., 9).

2 Press (REDIAL/PAUSE).

To change a stored number

Store a new number, as described previously.

Making calls with speed dialing

1 Pick up the handset.

2 Press (SPEED DIAL).

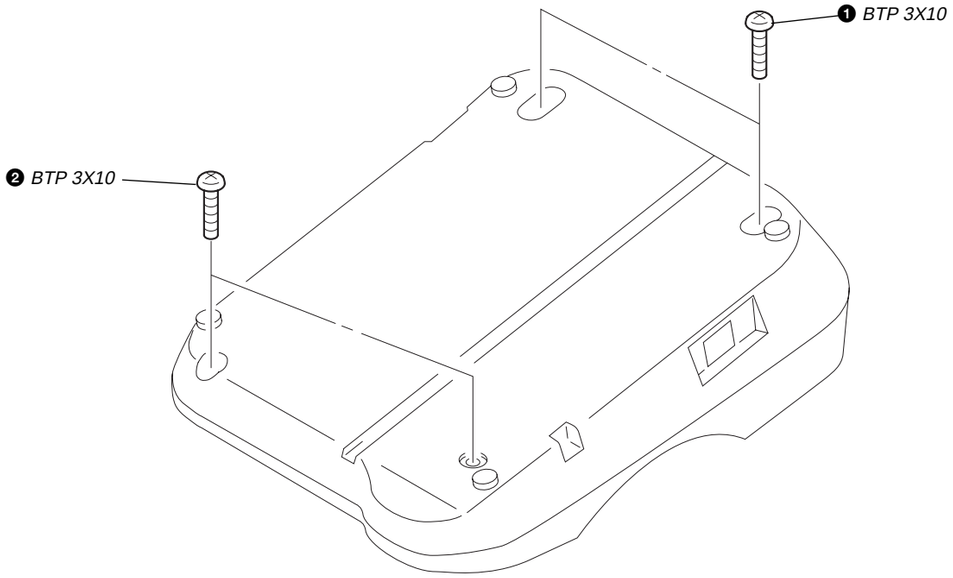
3 Enter the desired speed dialing number ((0) to (9)).
The phone number stored in the speed dialing number will be dialed.

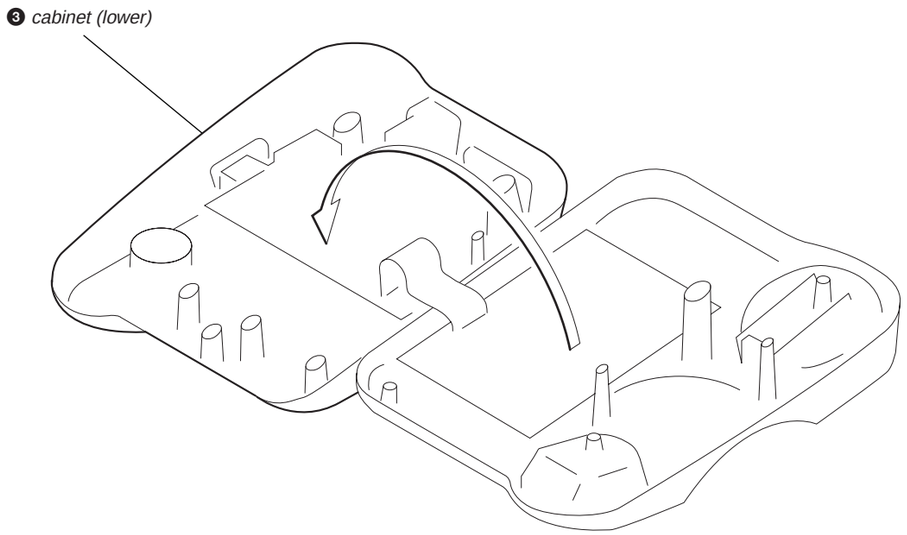
This section is extracted from instruction manual.

SECTION 2
DISASSEMBLY

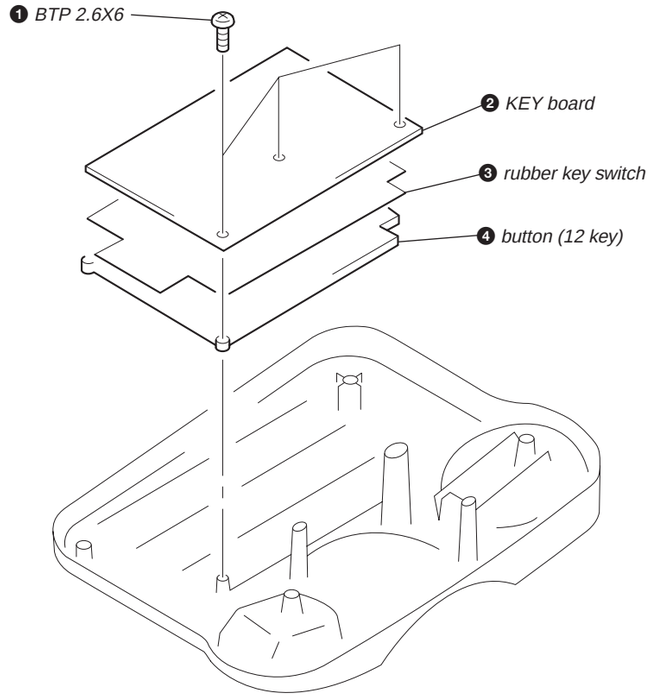
Note : Follow the disassembly procedure in the numerical order given.

2-1. CABINET (LOWER)

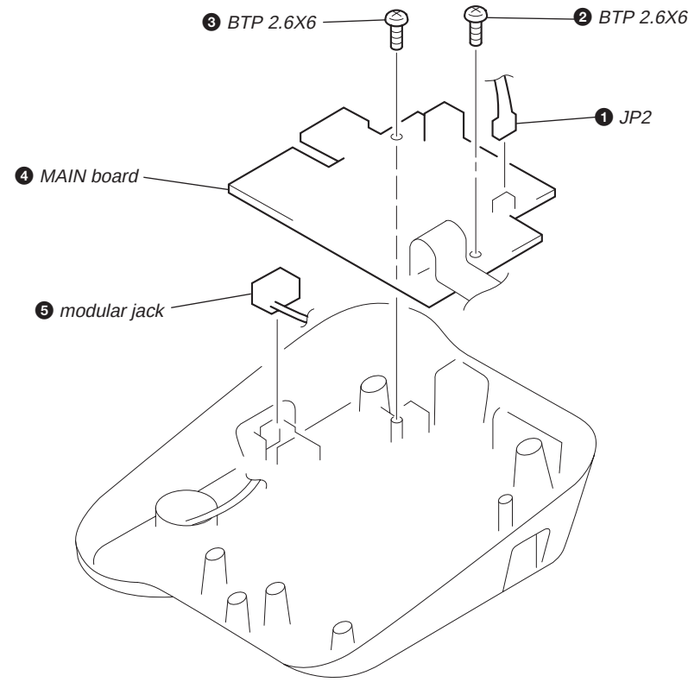




2-2. KEY BOARD



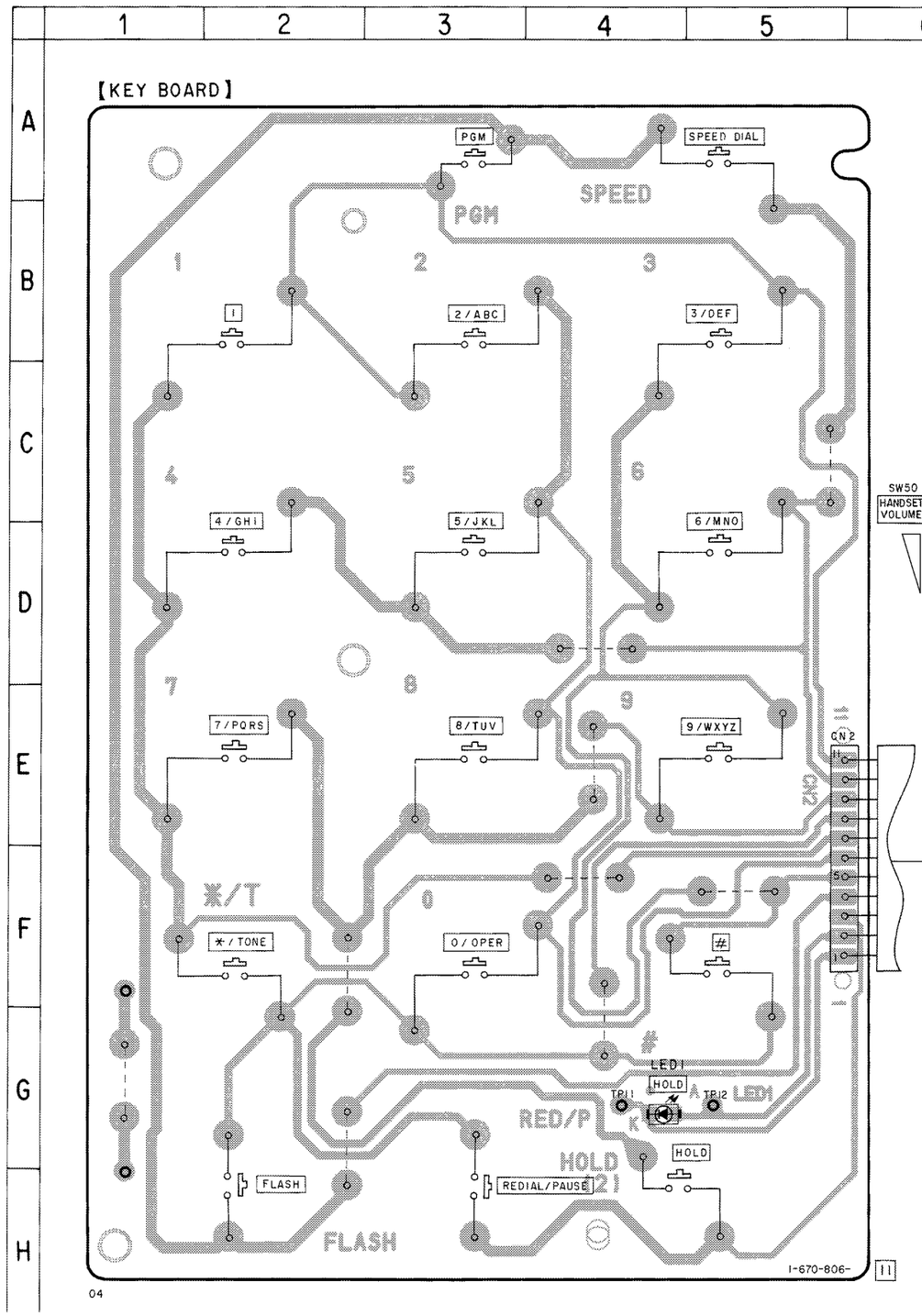
2-3. MAIN BOARD



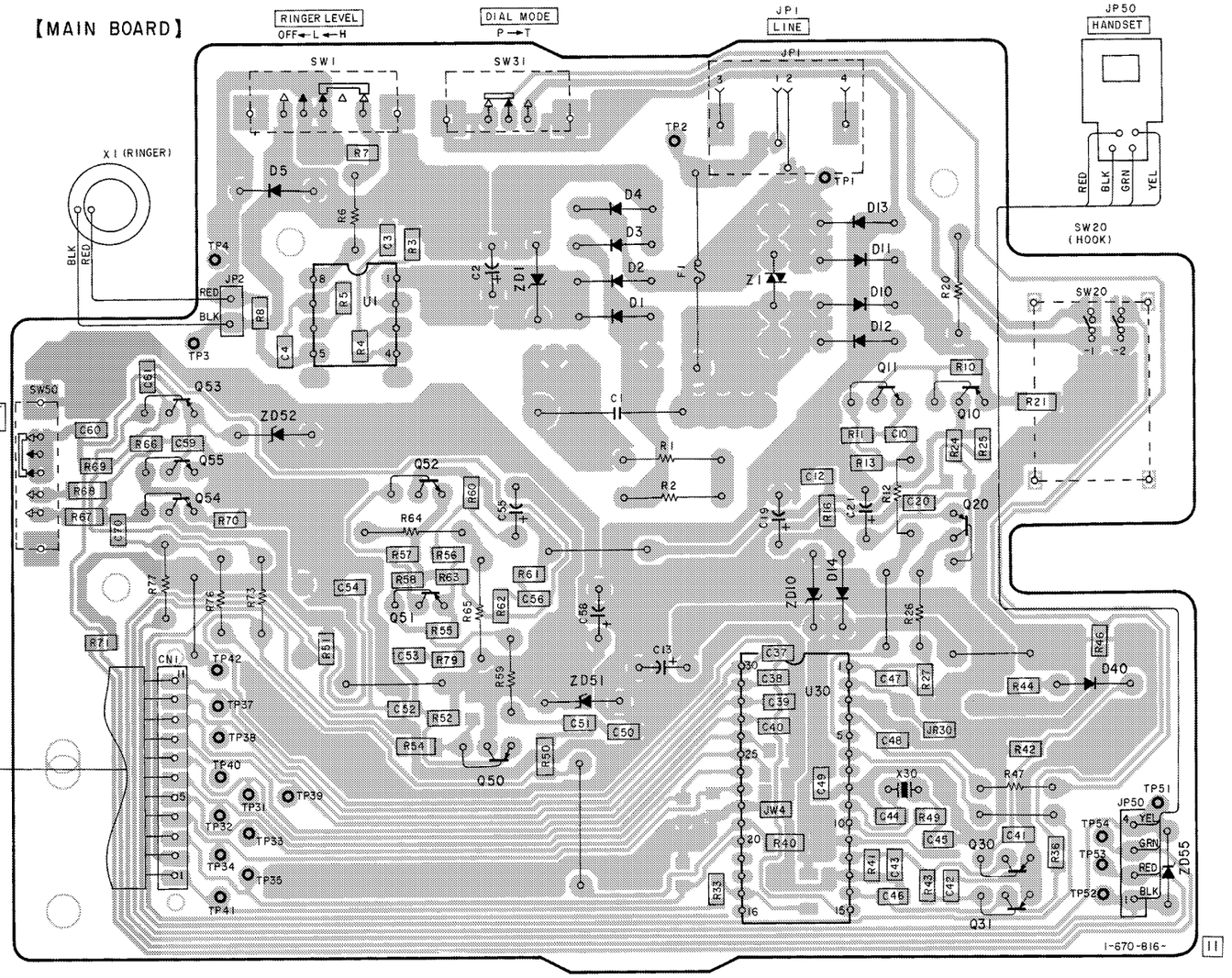
SECTION 3
DIAGRAMS

3-1. PRINTED WIRING BOARDS — Canadian Model —

【KEY BOARD】



【MAIN BOARD】



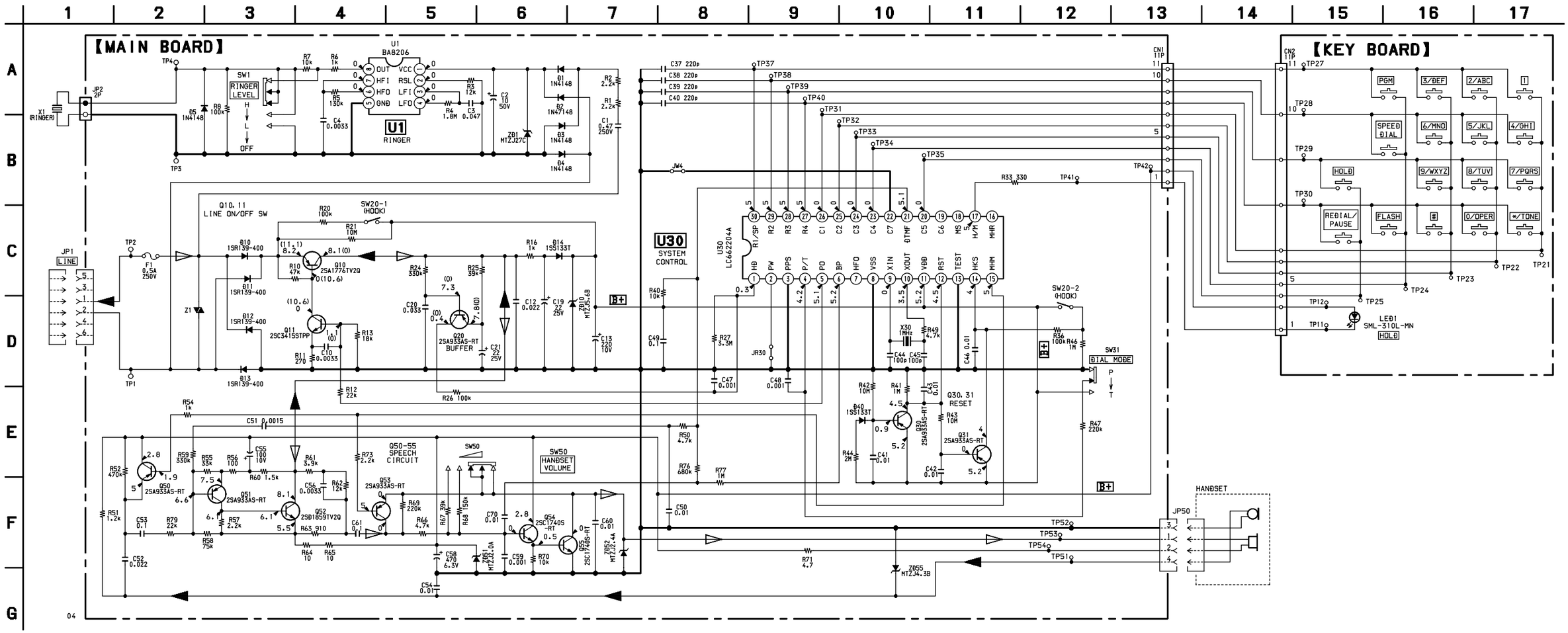
• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D1	C-10	Q30	F-12
D2	C-10	Q31	F-12
D3	B-10	Q50	E-8
D4	B-10	Q51	E-8
D5	B-8	Q52	D-9
D10		Q53	C-7
D11	B-11	Q54	D-7
D12		Q55	D-7
D13	B-11		
D14	D-11	U1	C-8
D40	E-13	U30	D-11
LED1	G-4	ZD1	C-9
		ZD10	D-11
Q10	C-12	ZD51	D-10
Q11	C-11	ZD52	C-8
Q20	D-12	ZD55	F-13

Note:

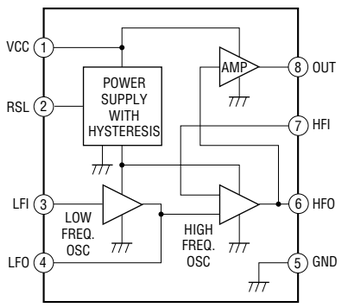
- ○——— : parts extracted from the component side.
- ○– – –○ : Carbon pattern
- ▒▒▒ : Pattern from the side which enables seeing.

3-2. SCHEMATIC DIAGRAM — Canadian Model —



• IC Block Diagram

U1 BA8206

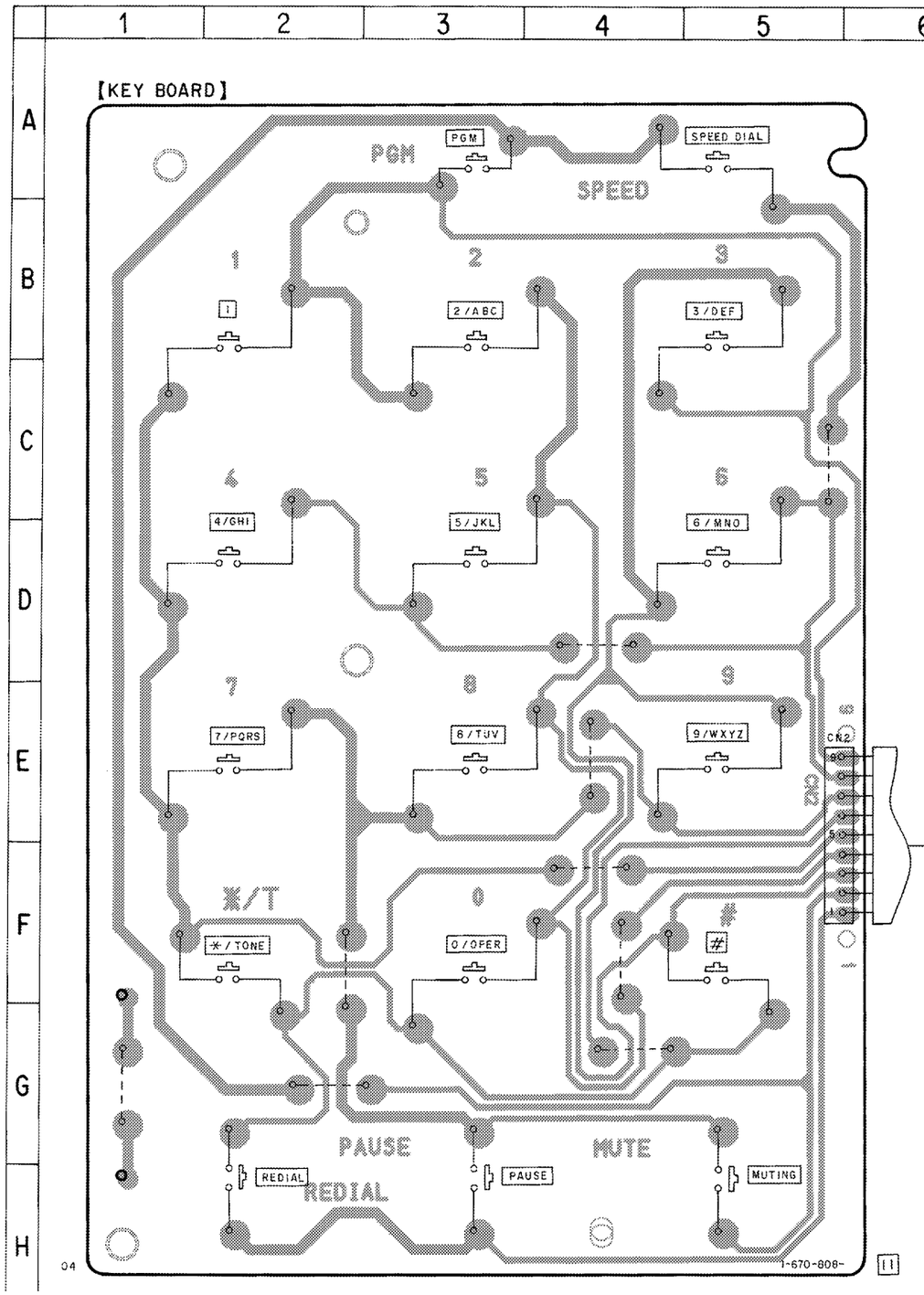


Note:

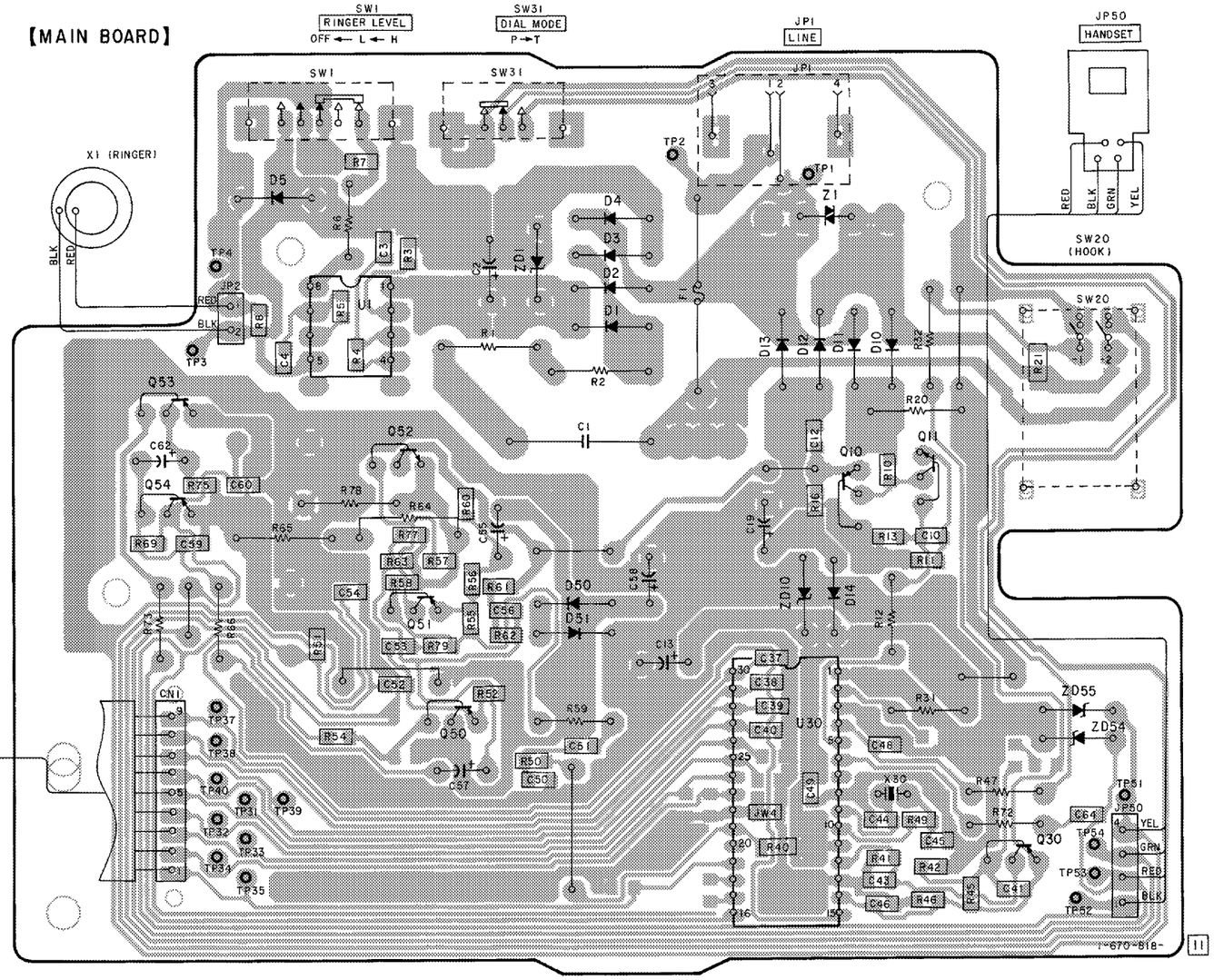
- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- ▭ : panel designation.
- B + : B+ Line.
- Power voltage is dc 12 V and fed with regulated dc power supply from JP1 with 100 Ω in series.
- Voltage is dc with respect to ground under no-signal condition.
  no mark : OFF HOOK
  ( ) : ON HOOK
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ▷ : RX
  ▶ : TX

3-3. PRINTED WIRING BOARDS — E, Singapore Model —

【KEY BOARD】



【MAIN BOARD】

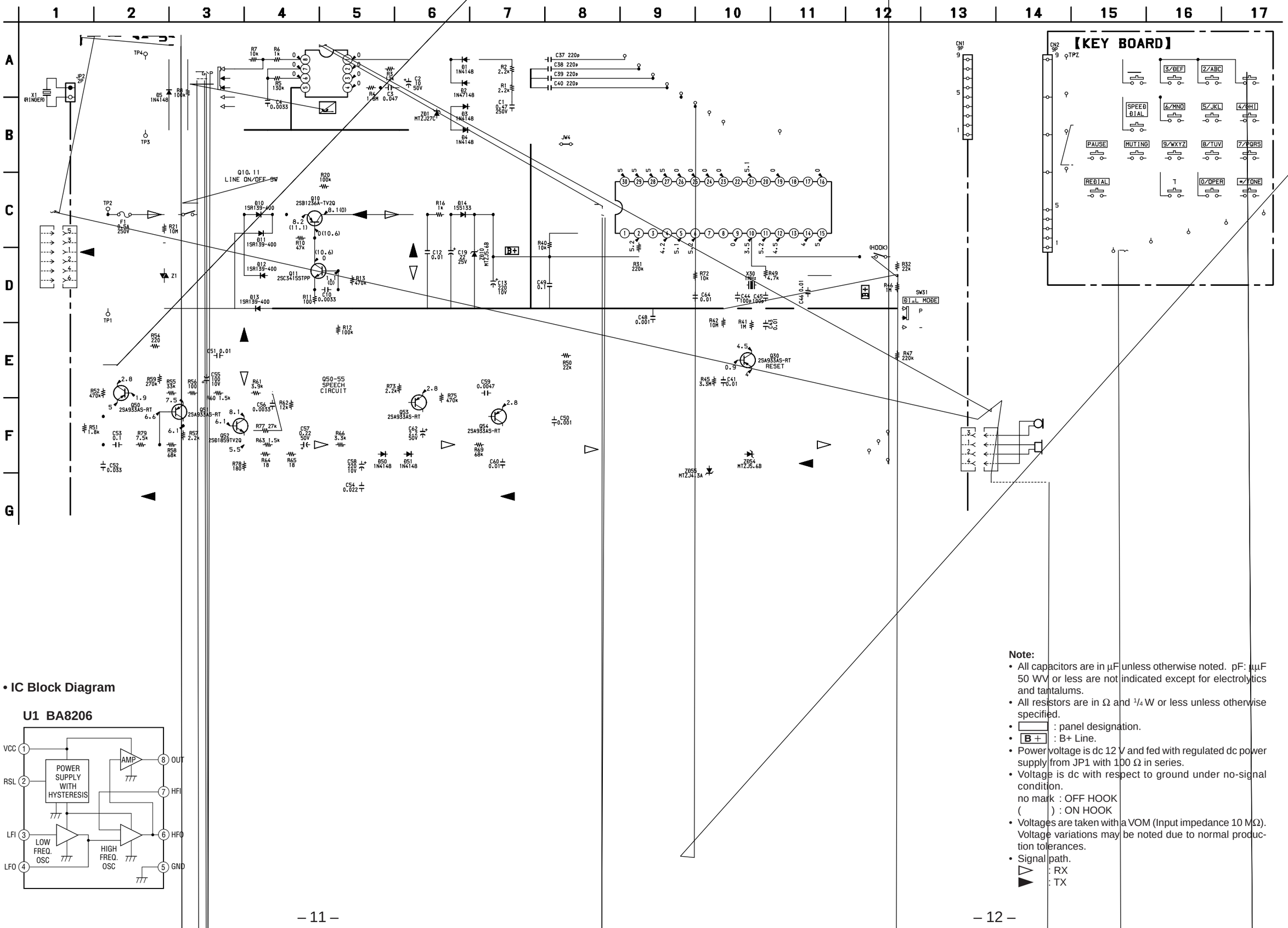


• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D1	C-10	Q30	F-12
D2	C-10	Q50	E-9
D3	B-10	Q51	E-9
D4	B-10	Q52	D-7
D5	B-8	Q53	C-7
D10	C-11	Q54	D-7
D11	C-11		
D12	C-11	U1	C-8
D13	C-11	U30	E-11
D14	D-11		
D50	E-10	ZD1	B-9
D51	E-10	ZD10	D-11
		ZD54	E-13
Q10	D-11	ZD55	E-13
Q11	D-12		

Note:
- ○——— : parts extracted from the component side.
- ○– – –○ : Carbon pattern
- ▒▒▒ : Pattern from the side which enables seeing.

3-4. SCHEMATIC DIAGRAM — E, Singapore Model —



• IC Block Diagram

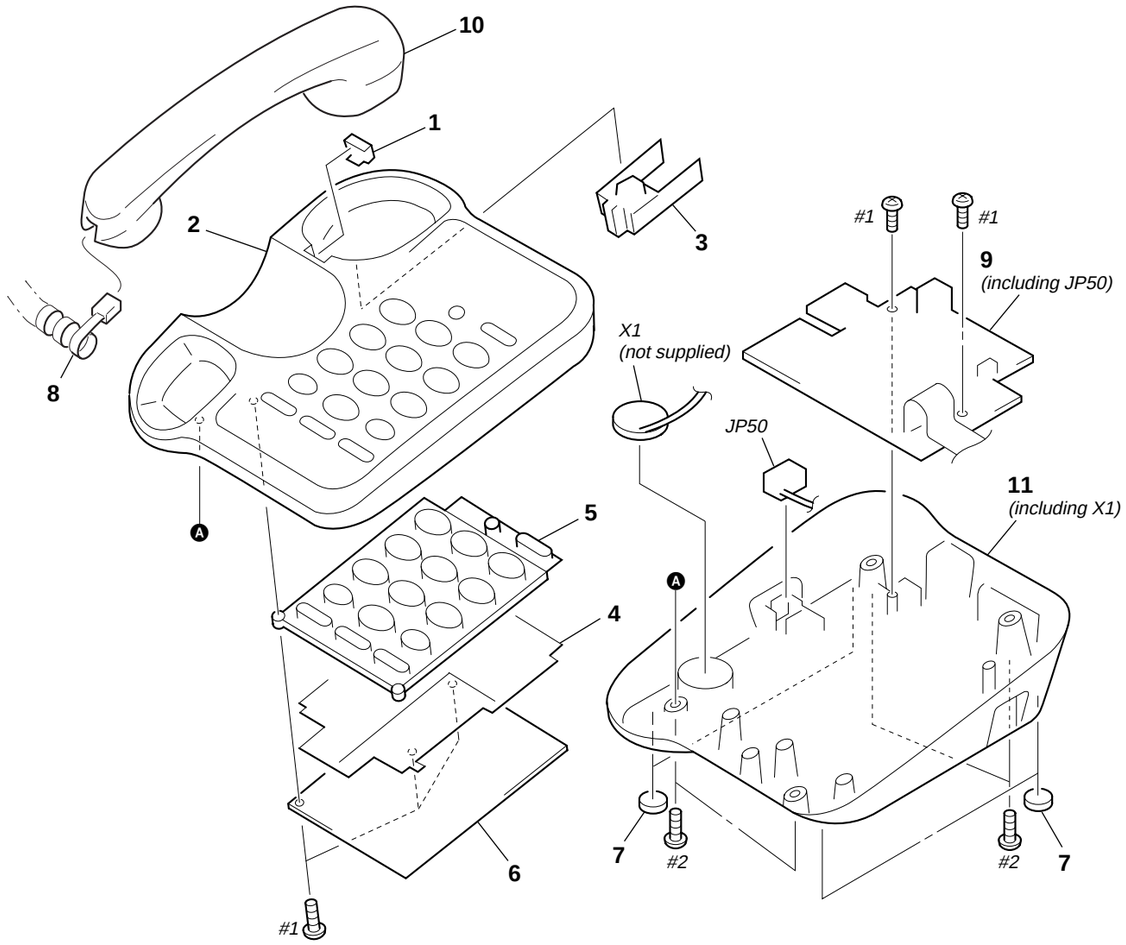
U1 BA8206

Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- ▭ : panel designation.
- B + : B+ Line.
- Power voltage is dc 12 V and fed with regulated dc power supply from JP1 with 100 Ω in series.
- Voltage is dc with respect to ground under no-signal condition.
  no mark : OFF HOOK
  ( ) : ON HOOK
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ▷ : RX
  ▶ : TX

SECTION 4
EXPLODED VIEW

NOTE:
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Abbreviation
  SP : Singapore model
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE) ... (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Accessories and packing materials and hardware (# mark) list are given in the last of this parts list.



Ref. No.	Part No.	Description	Remark
1	3-025-136-01	HANGER (HANDSET) (GRAY)...(GRAY,BLUE)	
1	3-025-136-11	HANGER (HANDSET) (CREAM)	
2	3-025-145-03	CABINET (UPPER) (GRAY) (Canadian)	
2	3-025-145-13	CABINET (UPPER) (GRAY) (E,SP)	
2	3-025-145-43	CABINET (UPPER) (CREAM) (E,SP)	
2	3-025-145-63	CABINET (UPPER) (BLUE) (E,SP)	
3	3-025-137-01	LEVER (HOOK) (GRAY)...(GRAY,BLUE)	
3	3-025-137-11	LEVER (HOOK) (CREAM)	
4	1-771-515-11	SWITCH, RUBBER KEY	
5	3-025-134-32	BUTTON (12 KEY) (GRAY)...(GRAY,BLUE)	
5	3-025-134-42	BUTTON (12 KEY) (CREAM)	
* 6	1-670-806-11	KEY BOARD (Canadian)	
* 6	1-670-808-11	KEY BOARD (E,SP)	
7	3-025-139-01	FOOT, RUBBER	
8	1-765-574-11	CORD, CURL (FOR HANDSET) (CREAM)	
8	1-775-798-31	CORD, CURL (FOR HANDSET) (BLUE)	
8	1-775-798-41	CORD, CURL (FOR HANDSET) (GRAY)	
* 9	A-3672-540-A	MAIN BOARD, COMPLETE (Canadian)	
* 9	A-3672-545-A	MAIN BOARD, COMPLETE (E,SP)	
10	X-3376-493-1	HANDSET ASSY (GRAY)	
10	X-3376-494-1	HANDSET ASSY (CREAM)	
10	X-3376-495-1	HANDSET ASSY (BLUE)	
11	X-3376-472-1	CABINET (LOWER) ASSY (GRAY) (Canadian)	
11	X-3376-473-1	CABINET (LOWER) ASSY (GRAY) (E,SP)	
11	X-3376-474-1	CABINET (LOWER) ASSY (CREAM) (E,SP)	
11	X-3376-475-1	CABINET (LOWER) ASSY (BLUE) (E,SP)	
JP50	1-785-426-11	JACK, MODULAR (4C) 4P (HANDSET)	

KEY **MAIN**

SECTION 5
ELECTRICAL PARTS LIST

NOTE:
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : µ, for example:
  uA.. : µA.. uPA.. : µPA..
  uPB.. : µPB.. uPC.. : µPC.. uPD.. : µPD..
- CAPACITORS
  uF : µF
- COILS
  uH : µH

When indicating parts by reference number, please include the board.

- Abbreviation
  SP : Singapore model

Ref. No.	Part No.	Description			Remark
*	1-670-806-11	KEY BOARD (Canadian)			
*	1-670-808-11	KEY BOARD (E,SP)			
		**********			
		< DIODE >			
LED1	8-719-072-22	LED SML-310LTT86-MN (HOLD) (Canadian)			
**********					
*	A-3672-540-A	MAIN BOARD, COMPLETE (Canadian)			
*	A-3672-545-A	MAIN BOARD, COMPLETE (E,SP)			
		**********			
		< CAPACITOR >			
C1	1-136-193-11	FILM	0.47uF	5%	250V
C2	1-126-964-11	ELECT	10uF	20%	50V
C3	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V
C4	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V
C10	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V
C12	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V (E,SP)
C12	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V (Canadian)
C13	1-126-934-11	ELECT	220uF	20%	10V
C19	1-128-551-11	ELECT	22uF	20%	25V
C20	1-163-989-11	CERAMIC CHIP	0.033uF	10%	25V (Canadian)
C21	1-128-551-11	ELECT	22uF	20%	25V (Canadian)
C37	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
C38	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
C39	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
C40	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
C41	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C42	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V (Canadian)
C43	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C44	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C45	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C46	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C47	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V (Canadian)
C48	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C49	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C50	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V (E,SP)
C50	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V (Canadian)
C51	1-163-011-11	CERAMIC CHIP	0.0015uF	10%	50V (Canadian)
C51	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V (E,SP)
C52	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V (Canadian)
C52	1-163-989-11	CERAMIC CHIP	0.033uF	10%	25V (E,SP)
C53	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C54	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V (Canadian)
C54	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V (E,SP)
C55	1-104-665-11	ELECT	100uF	20%	10V
C56	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V
C57	1-126-957-11	ELECT	0.22uF	20%	50V (E,SP)
C58	1-126-934-11	ELECT	220uF	20%	10V (E,SP)
C58	1-126-935-11	ELECT	470uF	20%	6.3V (Canadian)
C59	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V (Canadian)
C59	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V (E,SP)
C60	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C61	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V (Canadian)
C62	1-126-961-11	ELECT	2.2uF	20%	50V (E,SP)
C64	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V (E,SP)
C70	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V (Canadian)
		< DIODE >			
D1	8-719-055-76	DIODE 1N4148			
D2	8-719-055-76	DIODE 1N4148			
D3	8-719-055-76	DIODE 1N4148			
D4	8-719-055-76	DIODE 1N4148			
D5	8-719-055-76	DIODE 1N4148			
D10	8-719-970-02	DIODE 1SR139-400			
D11	8-719-970-02	DIODE 1SR139-400			
D12	8-719-970-02	DIODE 1SR139-400			
D13	8-719-970-02	DIODE 1SR139-400			
D14	8-719-991-33	DIODE 1SS133T-77			

Ref. No.	Part No.	Description			Remark
D40	8-719-991-33	DIODE 1SS133T-77 (Canadian)			
D50	8-719-055-76	DIODE 1N4148 (E,SP)			
D51	8-719-055-76	DIODE 1N4148 (E,SP)			
		< FUSE >			
F1	1-533-713-11	FUSE (0.5A/125V)			
		< JACK >			
JP1	1-785-419-11	JACK, MODULAR (2C) 6P (LINE)			
* JP2	1-566-690-11	PLUG, CONNECTOR (2.5MM) 2P			
JP50	1-785-426-11	JACK, MODULAR (4C) 4P (HANDSET)			
		< JUMPER RESISTOR >			
JR30	1-216-295-00	SHORT	0	(Canadian)	
JW4	1-216-295-00	SHORT	0		
		< TRANSISTOR >			
Q10	8-729-045-65	TRANSISTOR	2SA1776TV2Q (Canadian)		
Q10	8-729-045-66	TRANSISTOR	2SB1236ATV2Q (E,SP)		
Q11	8-729-045-48	TRANSISTOR	2SC3415STPP		
Q20	8-729-026-41	TRANSISTOR	2SA933AS-QRT (Canadian)		
Q30	8-729-026-41	TRANSISTOR	2SA933AS-QRT		
Q31	8-729-026-41	TRANSISTOR	2SA933AS-QRT (Canadian)		
Q50	8-729-026-41	TRANSISTOR	2SA933AS-QRT		
Q51	8-729-026-41	TRANSISTOR	2SA933AS-QRT		
Q52	8-729-032-94	TRANSISTOR	2SD1859TV2Q		
Q53	8-729-026-41	TRANSISTOR	2SA933AS-QRT		
Q54	8-729-026-41	TRANSISTOR	2SA933AS-QRT (E,SP)		
Q54	8-729-119-78	TRANSISTOR	2SC2785-HFE (Canadian)		
Q55	8-729-119-78	TRANSISTOR	2SC2785-HFE (Canadian)		
		< RESISTOR >			
R1	1-247-717-11	CARBON	2.2K	5%	1/4W
R2	1-247-717-11	CARBON	2.2K	5%	1/4W
R3	1-216-075-00	METAL CHIP	12K	5%	1/10W
R4	1-216-127-11	METAL CHIP	1.8M	5%	1/10W
R5	1-216-100-00	RES,CHIP	130K	5%	1/10W
R6	1-249-417-11	CARBON	1K	5%	1/4W
R7	1-216-073-00	METAL CHIP	10K	5%	1/10W
R8	1-216-097-00	RES,CHIP	100K	5%	1/10W
R10	1-216-089-00	RES,CHIP	47K	5%	1/10W
R11	1-216-025-00	RES,CHIP	100	5%	1/10W (E,SP)
R11	1-216-035-00	METAL CHIP	270	5%	1/10W (Canadian)
R12	1-247-863-11	CARBON	22K	5%	1/4W (Canadian)
R12	1-249-441-11	CARBON	100K	5%	1/4W (E,SP)
R13	1-216-079-00	METAL CHIP	18K	5%	1/10W (Canadian)
R13	1-216-113-00	METAL CHIP	470K	5%	1/10W (E,SP)

Ref. No.	Part No.	Description			Remark
R16	1-216-049-11	RES,CHIP	1K	5%	1/10W (E,SP)
R20	1-249-469-11	CARBON	100K	5%	1/4W
R21	1-216-294-00	METAL CHIP	10M	5%	1/8W
R24	1-216-109-00	METAL CHIP	330K	5%	1/10W (Canadian)
R25	1-216-689-11	METAL CHIP	39K	0.5%	1/10W (Canadian)
R26	1-249-441-11	CARBON	100K	5%	1/4W (Canadian)
R27	1-216-133-00	METAL CHIP	3.3M	5%	1/10W (Canadian)
R31	1-247-887-00	CARBON	220K	5%	1/4W (E,SP)
R32	1-247-863-11	CARBON	22K	5%	1/4W (E,SP)
R33	1-216-037-00	METAL CHIP	330	5%	1/10W (Canadian)
R36	1-216-097-00	RES,CHIP	100K	5%	1/10W (Canadian)
R40	1-216-222-00	RES,CHIP	10K	5%	1/8W
R41	1-216-121-00	RES,CHIP	1M	5%	1/10W
R42	1-218-179-11	RES,CHIP	10M	5%	1/10W
R43	1-218-179-11	RES,CHIP	10M	5%	1/10W (Canadian)
R44	1-216-128-11	RES,CHIP	2M	5%	1/10W (Canadian)
R45	1-216-133-00	METAL CHIP	3.3M	5%	1/10W (E,SP)
R46	1-216-121-00	RES,CHIP	1M	5%	1/10W
R47	1-247-887-00	CARBON	220K	5%	1/4W
R49	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R50	1-216-081-00	METAL CHIP	22K	5%	1/10W (E,SP)
R50	1-216-214-00	RES,CHIP	4.7K	5%	1/8W (Canadian)
R51	1-216-051-00	METAL CHIP	1.2K	5%	1/10W (Canadian)
R51	1-216-055-00	METAL CHIP	1.8K	5%	1/10W (E,SP)
R52	1-216-113-00	METAL CHIP	470K	5%	1/10W
R54	1-216-033-00	METAL CHIP	220	5%	1/10W (E,SP)
R54	1-216-198-00	RES,CHIP	1K	5%	1/8W (Canadian)
R55	1-216-085-00	METAL CHIP	33K	5%	1/10W
R56	1-216-025-00	RES,CHIP	100	5%	1/10W
R57	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R58	1-216-093-00	METAL CHIP	68K	5%	1/10W (E,SP)
R58	1-216-094-00	RES,CHIP	75K	5%	1/10W (Canadian)
R59	1-247-889-00	CARBON	270K	5%	1/4W (E,SP)
R59	1-247-891-00	CARBON	330K	5%	1/4W (Canadian)
R60	1-216-053-00	METAL CHIP	1.5K	5%	1/10W

MAIN

Ref. No.	Part No.	Description			Remark
R61	1-216-063-00	RES,CHIP	3.9K	5%	1/10W
R62	1-216-075-00	METAL CHIP	12K	5%	1/10W
R63	1-216-048-00	METAL CHIP	910	5%	1/10W (Canadian)
R63	1-216-053-00	METAL CHIP	1.5K	5%	1/10W (E,SP)
R64	1-247-688-11	CARBON	10	5%	1/4W (Canadian)
R64	1-247-691-11	CARBON	18	5%	1/4W (E,SP)
R65	1-247-688-11	CARBON	10	5%	1/4W (Canadian)
R65	1-247-691-11	CARBON	18	5%	1/4W (E,SP)
R66	1-216-065-00	RES,CHIP	4.7K	5%	1/10W (Canadian)
R66	1-247-843-11	CARBON	3.3K	5%	1/4W (E,SP)
R67	1-216-236-11	RES,CHIP	39K	5%	1/8W (Canadian)
R68	1-216-250-00	RES,CHIP	150K	5%	1/8W (Canadian)
R69	1-216-093-00	METAL CHIP	68K	5%	1/10W (E,SP)
R69	1-216-105-00	RES,CHIP	220K	5%	1/10W (Canadian)
R70	1-216-073-00	METAL CHIP	10K	5%	1/10W (Canadian)
R71	1-216-308-00	METAL CHIP	4.7	5%	1/10W (Canadian)
R72	1-249-429-11	CARBON	10K	5%	1/4W (E,SP)
R73	1-249-421-11	CARBON	2.2K	5%	1/4W
R75	1-216-113-00	METAL CHIP	470K	5%	1/10W (E,SP)
R76	1-247-899-11	CARBON	680K	5%	1/4W (Canadian)
R77	1-216-083-00	METAL CHIP	27K	5%	1/10W (E,SP)
R77	1-247-903-00	CARBON	1M	5%	1/4W (Canadian)
R78	1-247-703-11	CARBON	180	5%	1/4W (E,SP)
R79	1-216-070-00	METAL CHIP	7.5K	5%	1/10W (E,SP)
R79	1-216-081-00	METAL CHIP	22K	5%	1/10W (Canadian)
		< SWITCH >			
SW1	1-692-207-21	SWITCH, SLIDE (RINGER LEVEL)			
SW20	1-692-494-21	SWITCH, HOOK (HOOK)			
SW31	1-572-903-51	SWITCH, SLIDE (DIAL MODE)			
SW50	1-692-207-21	SWITCH, SLIDE (HANDSET VOLUME)			(Canadian)
		< IC >			
U1	8-759-081-73	IC BA8206			
U30	8-759-559-34	IC LC662204A-4K56			
		< VIBRATOR >			
X30	1-577-306-11	OSCILLATOR, CERAMIC (1MHz)			
		< DISCHARGE GAP >			
Z1	1-517-224-11	GAP, DISCHARGE (Canadian)			
Z1	1-801-271-11	VARISTOR (VF07M10820K) (E,SP)			
		< DIODE >			
ZD1	8-719-983-24	DIODE MTZJ-T-77-27C			
ZD10	8-719-109-89	DIODE RD5.6ESB2			
ZD51	8-719-109-50	DIODE RD2.0ES-B1 (Canadian)			
ZD52	8-719-982-99	DIODE MTZJ-T-77-2.4A (Canadian)			
ZD54	8-719-109-89	DIODE RD5.6ESB2 (E,SP)			
ZD55	8-719-982-11	DIODE MTZJ-4.3B			

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MISCELLANEOUS

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4	1-771-515-11	SWITCH, RUBBER KEY			
8	1-765-574-11	CORD, CURL (FOR HANDSET) (CREAM) (E,SP)			
8	1-775-798-31	CORD, CURL (FOR HANDSET) (BLUE) (E,SP)			
8	1-775-798-41	CORD, CURL (FOR HANDSET) (GRAY)			

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ACCESSORIES & PACKING MATERIALS

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	1-696-453-11	CORD (WITH MODULAR PLUG) (LINE) (15cm)			(Canadian)
	1-696-454-11	CORD (WITH MODULAR PLUG) (LINE) (215cm)			
	3-025-324-01	CASE, WALL HOOK (Canadian)			
	3-864-045-21	MANUAL, INSTRUCTION (ENGLISH,CHINESE)			(E,SP)
	3-864-045-31	MANUAL, INSTRUCTION (SPANISH,			PORTUGUESE) (E)
	3-864-045-41	MANUAL, INSTRUCTION (ENGLISH,FRENCH)			(Canadian)

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HARDWARE LIST

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#1	7-685-533-19	SCREW +BTP 2.6X6 TYPE2 N-S			
#2	7-685-547-14	SCREW +BTP 3X10 TYPE2 N-S...(CREAM)			
#2	7-685-547-19	SCREW +BTP 3X10 TYPE2 N-S...(GRAY,BLUE)			